

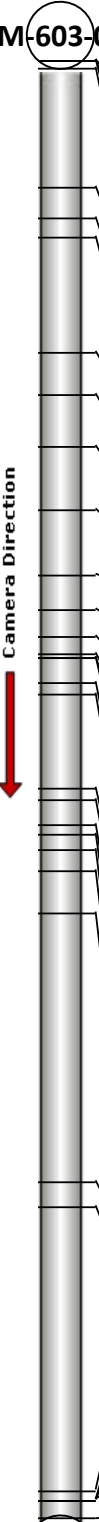
Profile/Photo Observation Report

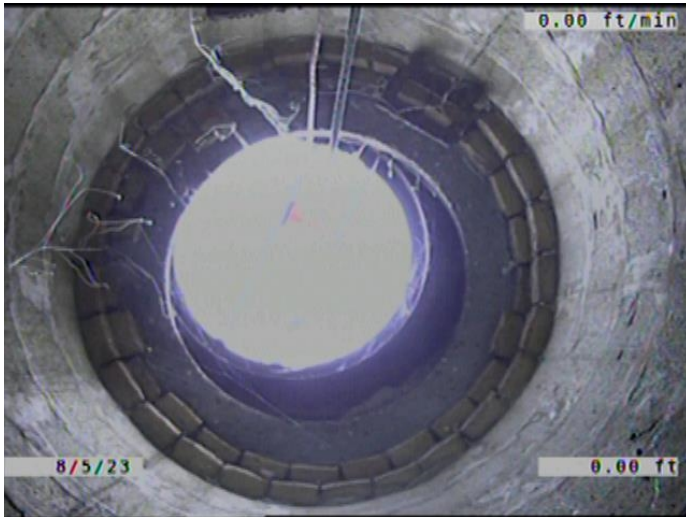


Date:	08/05/2023	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	190.2	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-603-011-010
Customer:	City of Hobart	Clean Date:	03/26/2023	Shape:	C

Street:	West 39th Place	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-603-010	DS MH:	M-603-011
		Total Length Surveyed (ft):	190.2

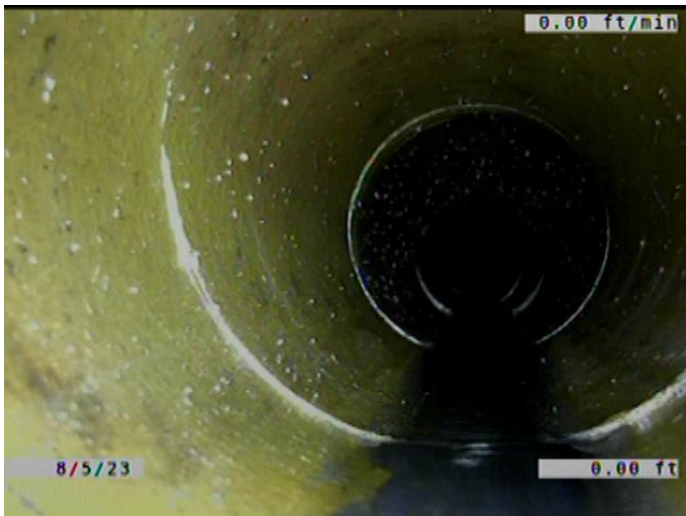
O&M Index:	1.60	O&M Quick:	322F	O&M Rating:	115.00
Structural Index:	2.22	Structural Quick:	5141	Structural Rating:	80.00
Overall Index:	1.81	Overall Quick:	5141	Overall Rating:	195.00

	Position	Code	Observation	Video (sec)	Grade
M-603-010					
 Camera Direction	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	79	NA
	.0	DSF(S01)	Deposits Settled Fine	88	M 2
	1.0	BVV	Broken Void Visible	136	S 5
	16.5	MWLS(S02)	Miscellaneous Water Level Sag	220	S 2
	20.6	MWLS(F02)	Miscellaneous Water Level Sag	244	S 2
	23.0	MWLS(S03)	Miscellaneous Water Level Sag	264	S 2
	38.1	TFD	Tap Factory Defective	379	M 3
	43.6	RFJ(S04)	Roots Fine Joint	516	M 1
	50.3	JOMD	Joint Offset Medium Defective	570	S 3
	58.6	LL	Line Left	649	M 1
	67.2	MWLS(F03)	Miscellaneous Water Level Sag	692	S 2
	71.6	MWLS(S05)	Miscellaneous Water Level Sag	722	S 2
	75.1	JOMD	Joint Offset Medium Defective	763	S 3
	77.5	JOLD	Joint Offset Large Defective	791	S 4
	78.0	CL	Crack Longitudinal	830	S 2
	78.0	RPR(S06)	Point Repair Replacement	840	NA
	81.3	TF	Tap Factory	878	NA
	82.8	RPR(F06)	Point Repair Replacement	946	NA
	95.0	MWLS(F05)	Miscellaneous Water Level Sag	1013	S 2
	96.4	DAZ	Deposits Attached Other	1071	M 2
	99.7	RPR(S07)	Point Repair Replacement	1129	NA
	100.9	TF	Tap Factory	1155	NA
	103.1	RPR(F07)	Point Repair Replacement	1213	NA
	105.8	LL	Line Left	1239	M 1
	111.2	MWLS(S08)	Miscellaneous Water Level Sag	1267	S 2
	146.4	TFC	Tap Factory Capped	1425	NA
	149.5	TFD	Tap Factory Defective	1481	M 3
	186.6	JOMD	Joint Offset Medium Defective	1674	S 3
	187.9	MWLS(F08)	Miscellaneous Water Level Sag	1705	S 2
	187.9	RFJ(F04)	Roots Fine Joint	1713	M 1
	187.9	DSF(F01)	Deposits Settled Fine	1721	M 2
	190.2	AMH	Manhole	1831	NA
M-603-011					



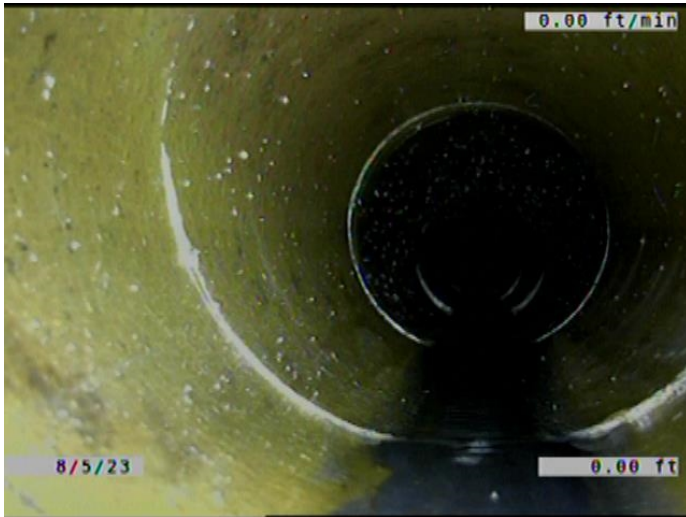
Code: **AMH**
Description: **Manhole**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-603-010**



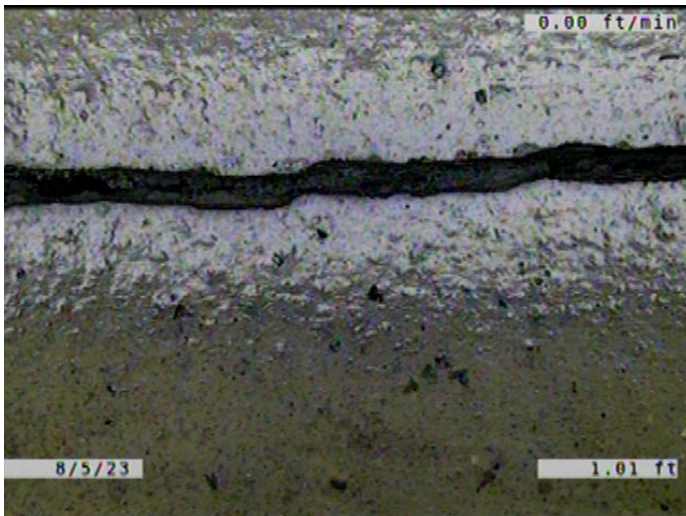
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



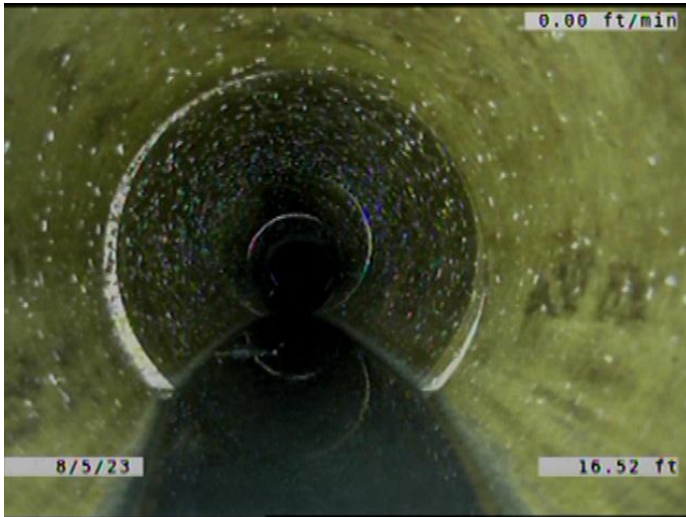
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



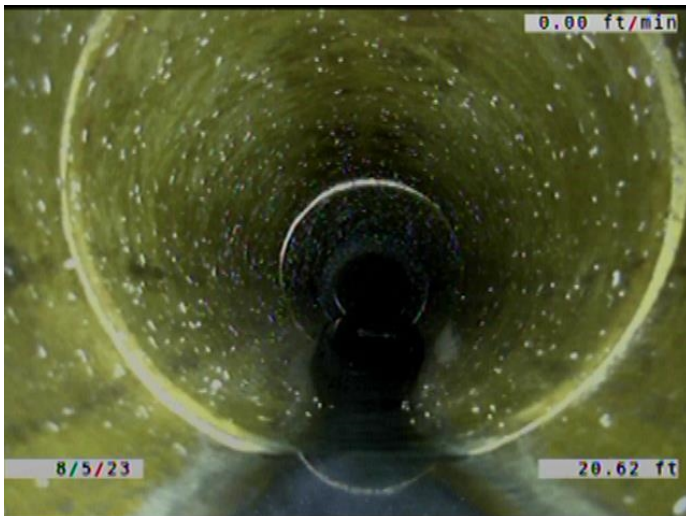
Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **1.0**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **16.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



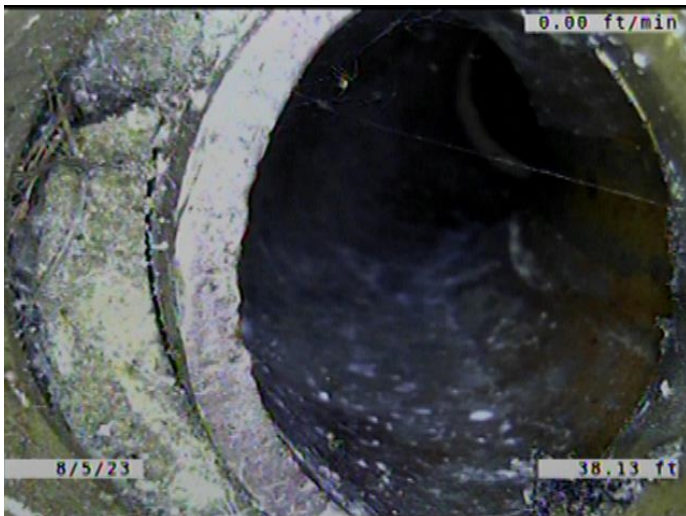
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **20.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



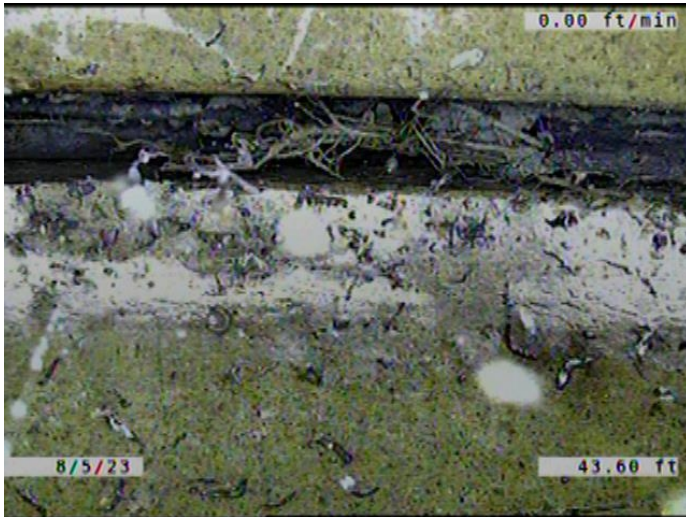
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **23.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



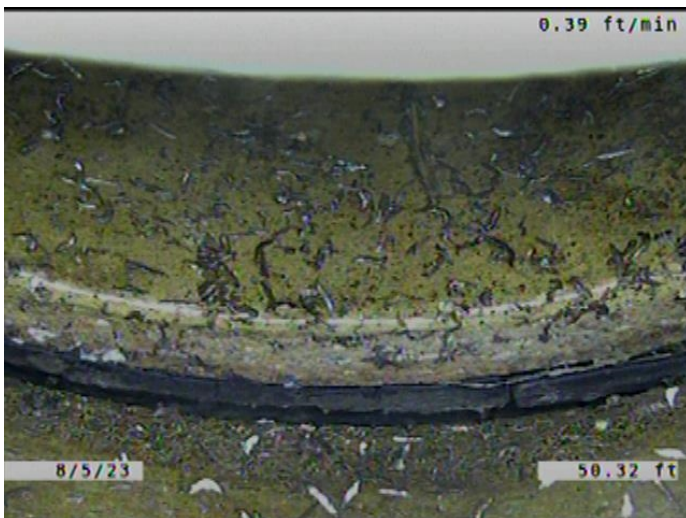
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **38.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE LARGE OFFSET. SOIL VISIBLE. +**



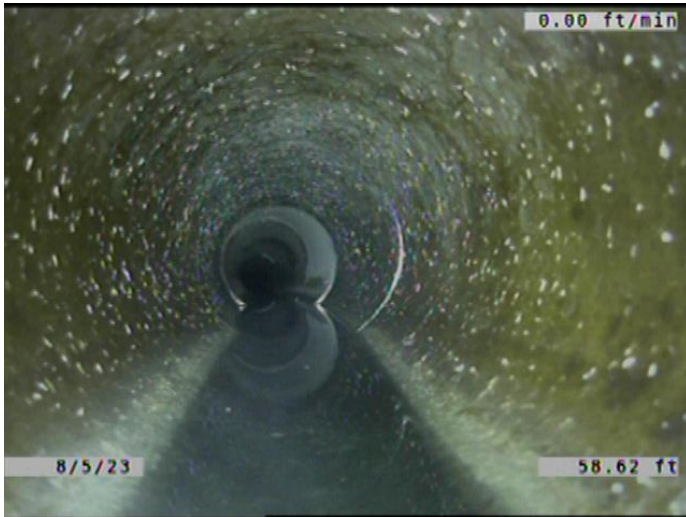
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **43.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:



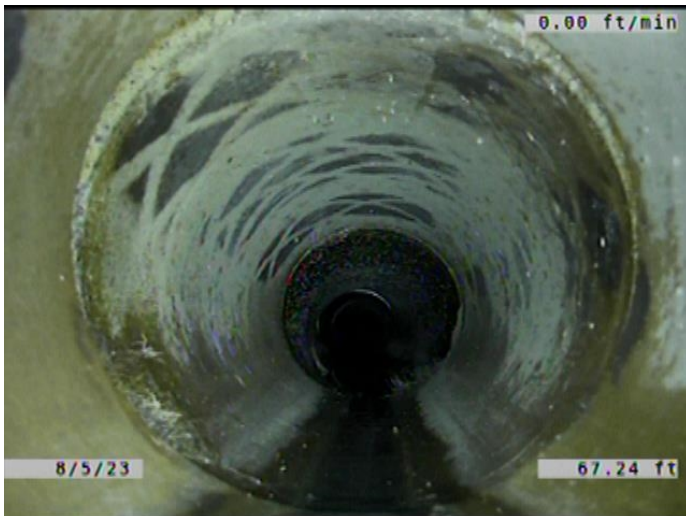
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **50.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



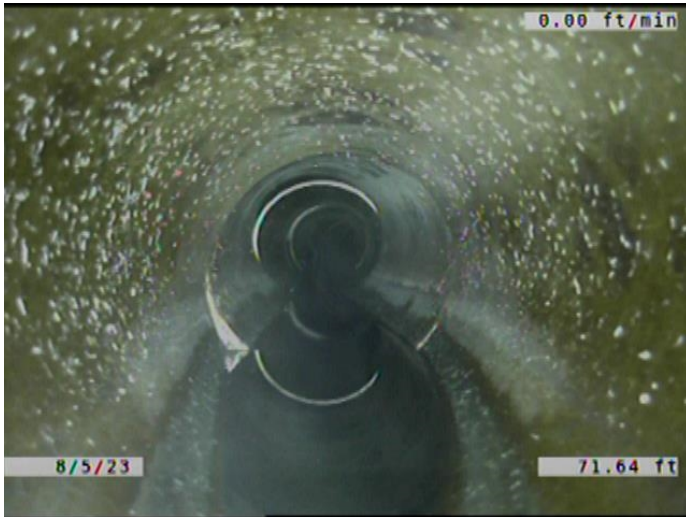
Code: **LL**
Description: **Line Left**

Distance (ft): **58.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **67.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



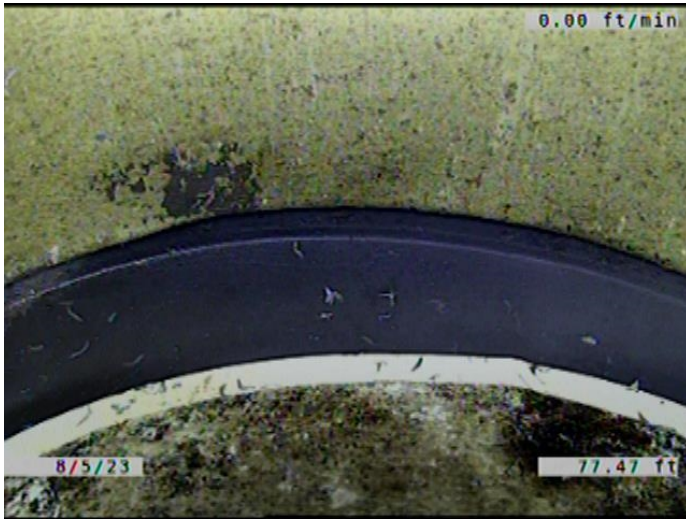
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **71.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



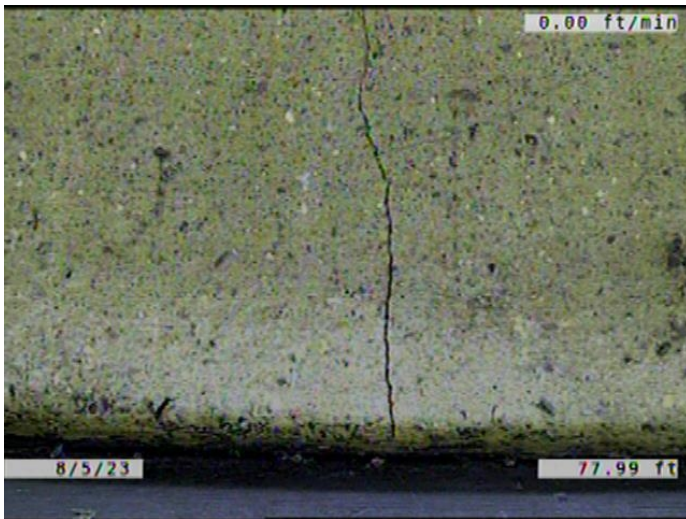
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **75.1**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **JOLD**
Description: **Joint Offset Large Defective**

Distance (ft): **77.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



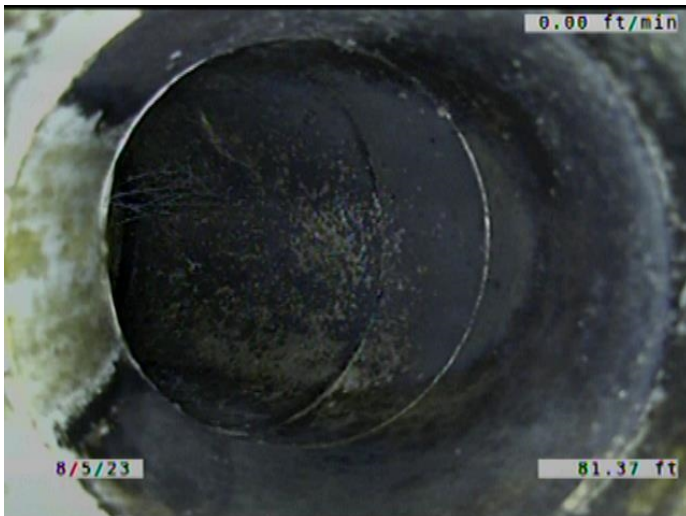
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **78.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



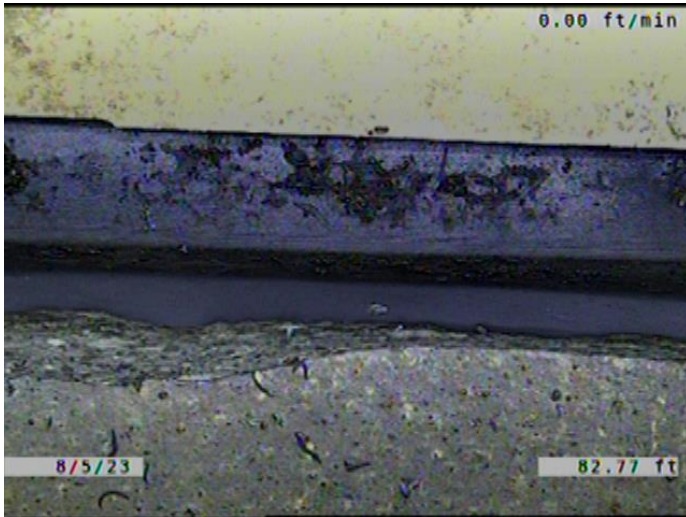
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **78.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



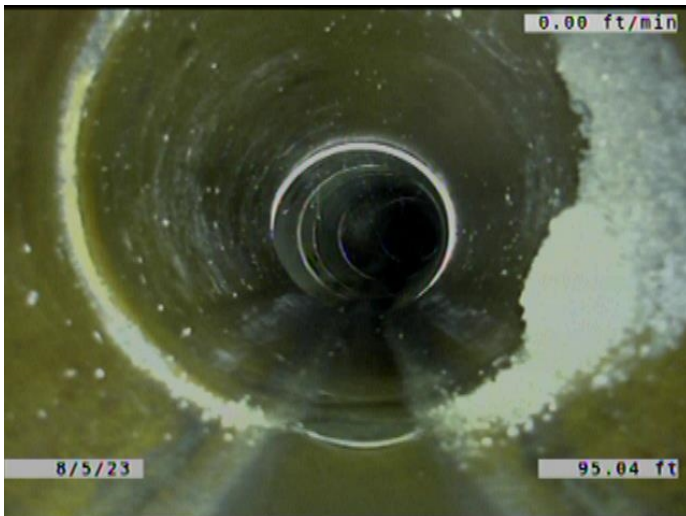
Code: **TF**
Description: **Tap Factory**

Distance (ft): **81.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNINNG WATER.**



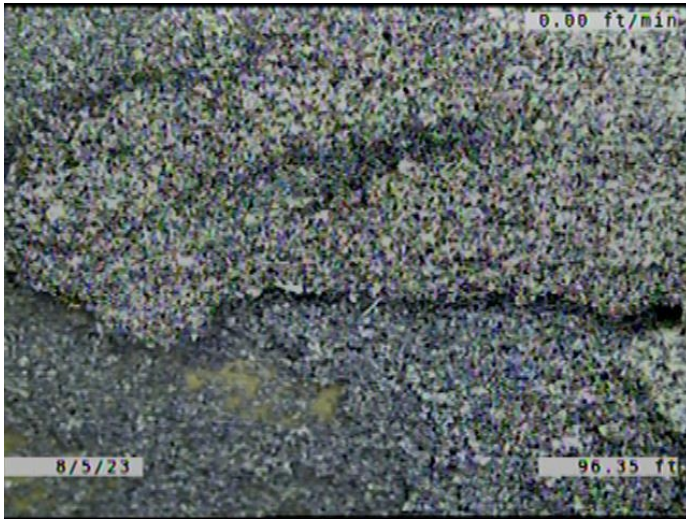
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **82.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **95.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



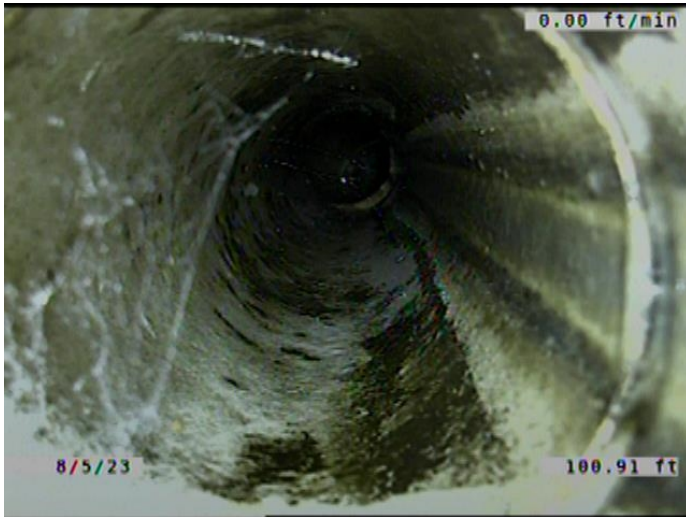
Code: **DAZ**
Description: **Deposits Attached Other**

Distance (ft): **96.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **DIRT/MUD**

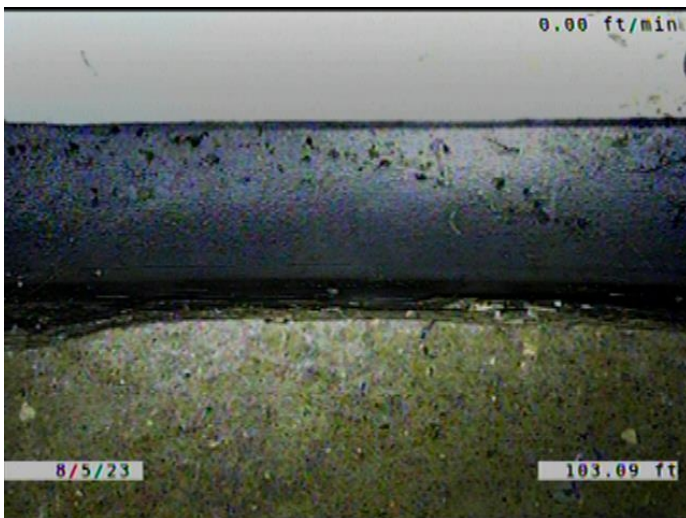


Code: **RPR**
Description: **Point Repair Replacement**

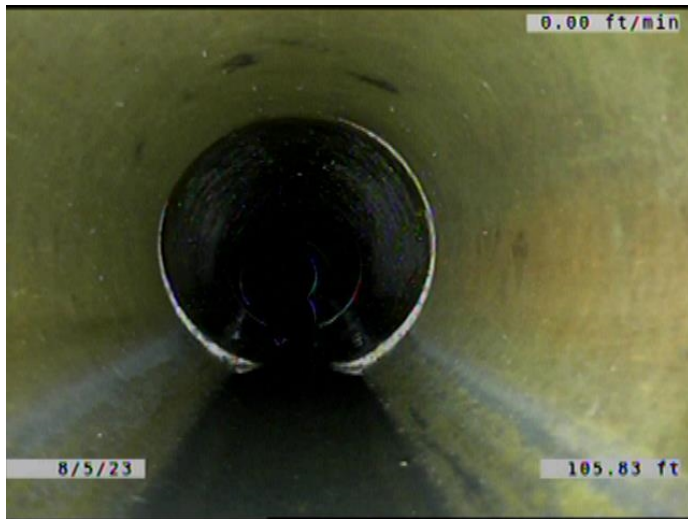
Distance (ft): **99.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S07**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC**



Code:	TF
Description:	Tap Factory
Distance (ft):	100.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	LOOKS LIKE PART OF THE SERVICE IS VCP.

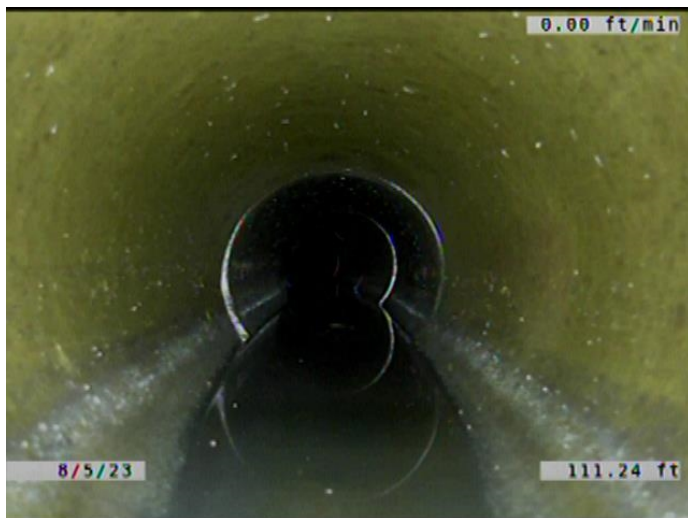


Code:	RPR
Description:	Point Repair Replacement
Distance (ft):	103.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F07
Within 8" of Joint:	YES
Remarks:	REPLACED WITH PVC



Code: **LL**
Description: **Line Left**

Distance (ft): **105.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



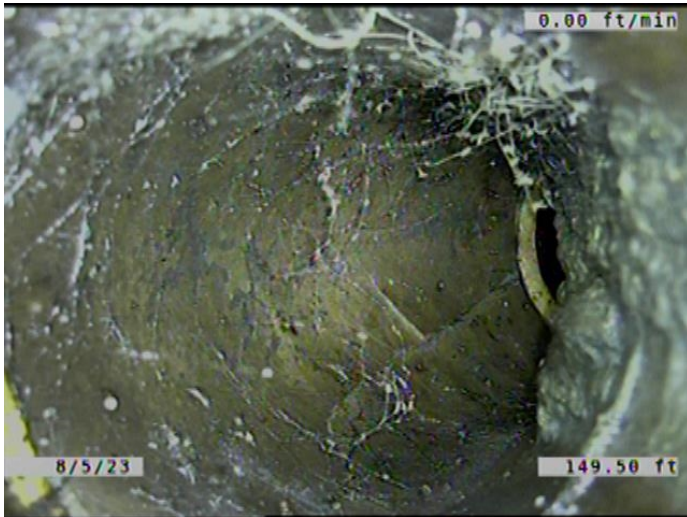
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **111.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



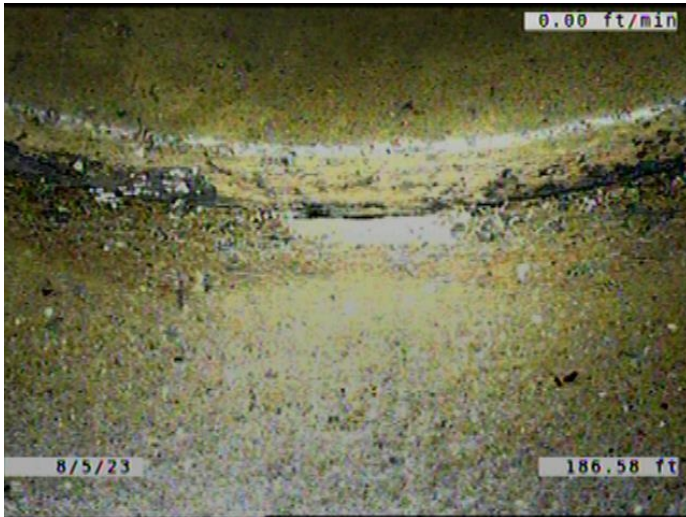
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **146.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



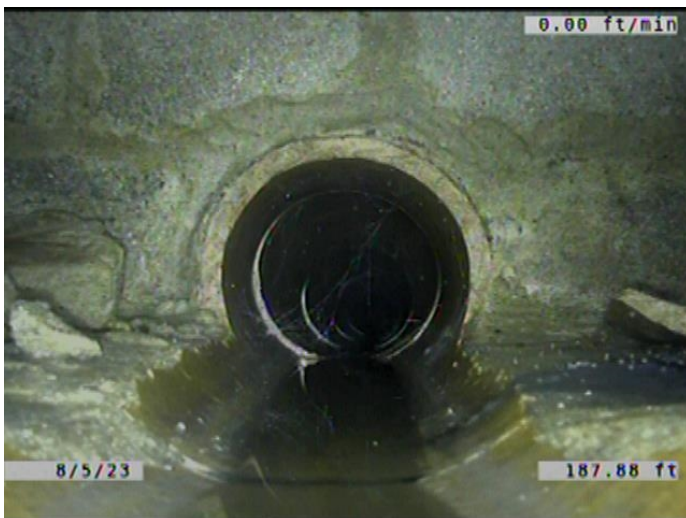
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **149.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE BROKEN. ROOTS GROWING IN THE JOINTS AND THROUGH THE B**



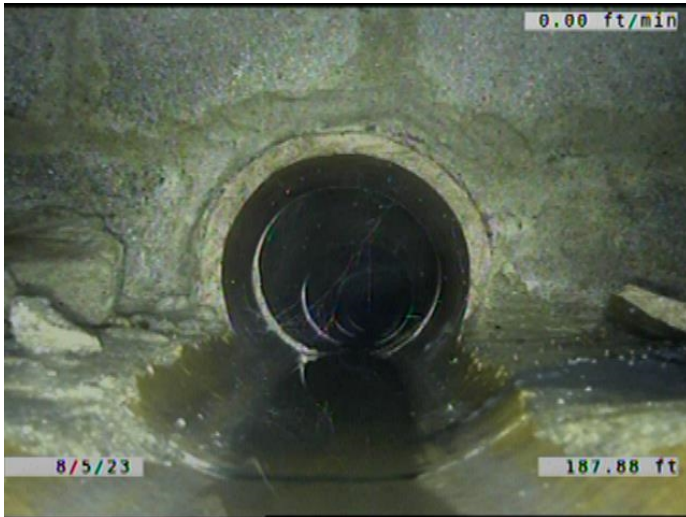
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **186.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



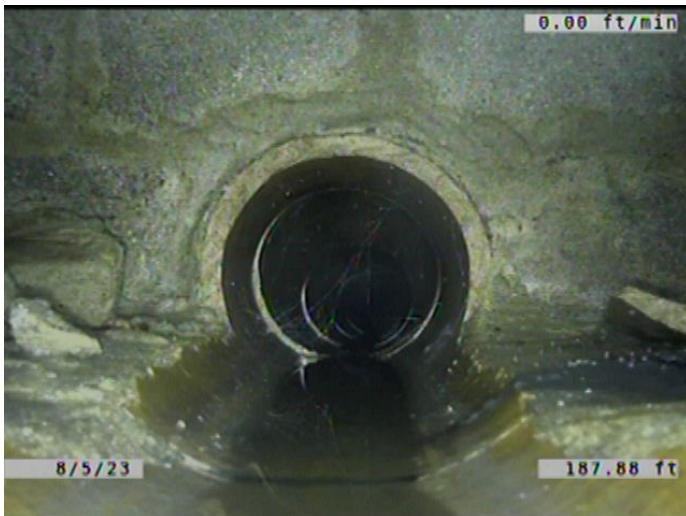
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **187.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



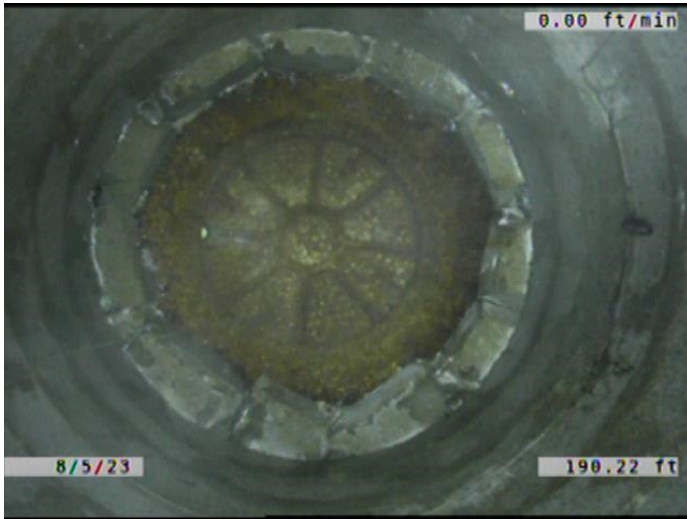
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **187.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks:



Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **187.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	190.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-603-011